



MATH

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FOR FAMILIES

YOU ARE your child's first teacher. Learn how to support the goals of Oklahoma's academic standards and why they are important for your child. Please be in regular communication with your child's teachers and ask how you can support math learning at home. When schools and families work together as partners, it helps your child achieve academic excellence!

SECOND GRADE

What to expect:

In second grade, children are developing their math skills by applying new knowledge to what they already know. They are learning how to make a plan for solving a problem by trying different approaches when the problem seems difficult or they do not know the solution.

At this age, children begin to understand how numbers and tools come together to create learning experiences. They can now explain how to solve a problem and why the solution works.

This information is a snapshot of learning in first-grade mathematics. For a complete set of mathematics academic standards, click [here](#) or visit sde.ok.gov/oklahoma-academic-standards.

By the end of the school year, your child will:

- Read and write numbers to 1,000.
- Add and subtract one- and two-digit numbers.
- Create and describe growing and shrinking patterns of shapes and numbers.
- Read and write time on a traditional and digital clock.
- Write and illustrate fractions for halves, thirds and fourths.
- Use a ruler to measure lengths to the nearest inch and centimeter.

What to do at home:

- Create math problems about things happening at home. For example: "We started dinner with 10 slices of pizza but have eaten 3, so how many are left?"
- Determine the value of coins up to one dollar.
- Write two different three-digit numbers on a piece of paper and ask your child which one is greater or less than.
- Ask your child to tell you what time it is.
- Practice using a ruler to measure household items.



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Fostering Curiosity

Children are naturally curious and motivated to learn about things that interest them. Since curiosity contributes to success in the classroom, it is important to encourage it at home. Play is a wonderful way to nurture curiosity in young children, so be sure to allow plenty of playtime. Encourage your child to ask questions, discover answers and explore the world.

Cultivate your child's curiosity with guiding questions like these:

- What do you notice or wonder about in your community?
- What new words or new things have you discovered?
- How can you solve the problems you see?

Your child will have plenty of questions. It's okay if you don't have the answer every time. The best response is always, "Let's find out together."

Fostering Communication

Increase vocabulary, thinking skills and curiosity by using new words and having conversations that include questions that make your child think. Communicating with others gives children a chance to see and understand that there can be more than one idea on a given subject. Accepting these different ideas helps children learn how to get along with others. This acceptance fosters positive relationships with peers and strong self-image.

Cultivate your child's communication skills with questions like these:

- If you switched places with your teacher tomorrow, what would you teach the class?
- What was the best thing that happened today? What was the worst?
- Did you learn something that challenged you today or was there something you didn't understand?

Fostering Comprehension

As second-graders continue to strengthen their reading skills, they benefit from reading independently and with adults. Exposing them to a variety of print materials such as books, magazines, etc., allows them to explore new words and ideas. Use the following questions to help your child better understand what he or she is reading.

BEFORE READING

- What do you think this book is about?
- What do you think will happen?
- What kind of book is this?

DURING READING

- What do you think will happen next?
- Where and when does the story take place?
- What do you notice about the characters?

AFTER READING

- Why do you think the author wrote this book?
- What happened in the beginning, middle and end?
- What was your favorite part of the book?

Join the conversation!
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